

Realex  
Division of United Industries Corp.  
P.O. Box 15842  
St. Louis, MO 63114

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System-(HMIS)

HEALTH - 2

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL - Rubber gloves, face mask or goggles

**I Trade Name:** Real-Kill® Dursban Ant, Flea & Tick Killer Spray Concentrate

**Product Type:** Liquid Hose-End Concentrate Insecticide

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

9688-95-478

Chemsico  
8494 Chapin Industrial Drive  
St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873  
For Information: 1-800-897-8524  
Prepared by: C.A. Duckworth  
Date Prepared: September 27, 1996

## II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Chlorpyrifos	4.75	0.2 mg/m <sup>3</sup> (skin)	0.2 mg/m <sup>3</sup> (skin)
CAS #2921-88-2			

## III Physical and Chemical Characteristics

**Appearance and Odor:** Translucent water-thin liquid, straw color. Chlorpyrifos odor.

**Boiling Point:** 225°F

**Melting Point:** NA

**Vapor Pressure:** NA

**Specific Gravity:** 1.02 (H<sub>2</sub>O=1)

**Vapor Density:** greater than 1 (Air=1)

**% Volatile (by vol.):** 87%

**Solubility in Water:** greater than 87%

**Evaporation Rate:** less than 1 (Butyl Acetate=1)

## IV Fire and Explosion Hazard Data

**Flash Point:** N/A - Will not burn

**Flame Extension:** N/A

**Flammable Limits:** N/A

**Autoignition Temp.:** N/A

**Fire Extinguishing Media:** Water Fog, Carbon Dioxide, Dry Chemical

**Decomposition Temp.:** N/A

**Special Fire-Fighting Procedures:** Use procedures to eliminate original source of fire.

**Unusual Fire and Explosion Hazards:** None. Also see Section V.

## V Reactivity Data

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** None.

**Incompatible Materials:** N/A

**Hazardous Decomposition or Byproducts:** N/A

## VI Health Hazard Data

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Never induce vomiting or give anything by mouth to an unconscious person.

**Skin Contact:** Harmful if absorbed through skin. **First Aid:** Wash contaminated clothing and affected areas with plenty of soap and water.

**Eye Contact:** Avoid contact with eyes. **First Aid:** Flush eyes with plenty of water. Get medical attention if irritation persists.

**Inhalation Toxicity:** Avoid breathing vapor and spray mist. **First Aid:** Remove victim to fresh air. Apply artificial respiration if indicated.

**Special Notes:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

**Health Conditions Aggravated by Exposure:** None known

**Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:** None

## VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Avoid breathing vapors. Remove ignition sources. Avoid skin contact with liquid. Soak up with absorbent material.

**Waste Disposal:** Give to qualified waste disposal service.

**Handling & Storage Precautions:** Do not store where temperatures can exceed 54°C/130°F.

## VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

## IX Transportation Data

**DOT Shipping Name - Consumer Commodity**  
**DOT Hazard Class - ORM-D**

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